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Revision Record/ □ü□ù□□□ð

No. CADG-101 Item: Floor Mat / Cargo Mat

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letters "E", "I", "O" and "P" are not used. Date	10/25/2000 H. Saito							·			
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CA Design Guide No. CADG-101 Product Development Overseas C&A Div.							•		
Mod	del:	DB:	Confirmed						
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			Prepared						
No.	Check Item / Requirement	and the control of th		Plar	nning	1st	DR	Fina	I DR
T	Legal requirements			1 101	9	10.		1 1110	
	Floor mats and luggage mats sho	uld satisfy flame-resistance		ſ]	ſ	1	l ,	1
	(FMVSS302 or equivalent) even if	•			•	•	•		
	As to other items, each DB should] []] []	l (]
	if there are any regulation in each	country.		_			_		
			·						
	Construction criteria				***************************************			ļ	
1	Slip prevention (applicable to floor	• •		١.	,		,		,
	a) Provide slip prevention features	, -] []	L	j	L	j
	floor mats so that they will not sli b) If the floor carpet of the vehicle	_г	1	ſ	ר	__	1		
	the floor mats with eyelets and fi	·		1	j	Į į	J	'	J
	clips. (A floor mat placed under	• •	9			1			
	two eyelets.)								
			•••••••						
2	Shape (applicable to floor mats or	• /		١.	_			_	_
	a) As a general rule, floor mat for) I	[]	[]	[]
	the accelerator pedal, not to cut	•							
	(Check that full-throttle accelerate When cutting out the floor mat up								
	sufficiently large such that the m	• •							
	with each other. (When the peda						-		
	should be 40mm clearance bety								
	A Property of the Control of the Con	b) The front edge of front seat floor mats should be						l r	1
	positioned in consideration of the]	-	-	"	•
	* If controls such as a kickdown	switch are closely located,							
	be sure that the floor mat does i	not interfere with them.							
	* The floor mat should not be too	long. It should not be folded							
	toward front seats.								
	* The floor mat should be sized t								
	c) The floor mats should not block	[]	[]	[]		
	duct, nor should they change the	flow of air blowed from						:	
	the duct.								
	☐F Consult testing sections if	•		 	-	_	-	١.	
I	d) Notch the floor mat appropriate	iy it the clearance between		ıl		ıİ	- 1	1	1

	carpet and fuel lid opener and/or between carpet and trunk lid opener is small (20 to 25 mm). e) The shape and thickness of floor mats should be such that the mats will not interfere with the seats when the seats are slidden.	[1	Į.	1	[]	
	f) The heel pad on the mat for the D seat should be shaped not to block the movement of the driver⊡fs right foot.	[]	[]	[]	
3	Other a) If the mats should carry the logo of the car, its style should be consistent with the logo marked on the car body. b) Please note that the mats for rear seats may need to have different shape depending on whether the front seats are power-operated or manually operated.	[]	[1	[]	

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CA Design Guide		No. CADG-101		oduct Development Dept. verseas C&A Div., TMC				•		
Mod	el:	DB:	Item: Fl	m: Floor Mat / Cargo Mat				t		
No.	Check Item / Requirement		,	Plan	ning	1st	DR	Fina	DR	
	Evaluation criteria						A			
1	Slip prevention performance of the	mat back (applicable to floor		[[]	Γ	<u> </u>	ſ	7	
	mats only)	\ 11		•	-	•	•	•		
4	a) Testing procedure									
	* Fix the floor carpet (250 mm □~	500 mm) of the applicable								
	vehicle on a level surface, e.g., o	• •								
	* Place a cut sample (100 mm □-									
V	carpet and apply a uniformly dist	•								
	* Pull the sample at a speed of 10	00 mm/min and measure the								
	maximum resistance at which the	e sample moves 15 cm.							=	
	b) Criteria									
	When the floor carpet is a cut-pile	carpet: No less than 4.9 N								
	When the floor carpet is a loop-pil	le carpet: No less than 18 N								
2	Material characteristics:			[]	[]	[]	
	The material characteristics shall	be as specified in C & A								
	Standard (Floor Mat 3-2).									
	However, for certain characteristic	cs (including heat resistance,								
	low-temperature resistance and sr	mell), criteria may need to be								
	determined according to the needs	s of local markets.								
3	On-vehicle evaluation (applicable		••••••		••••••	***********	•••••			
	a) In case that the mat is laid unde	•		<u> </u>	_	_	_	l _	_	
	Make sure that full-throttle accele	*		[]	[]	[]	
	b) In case of the vehicle with autor Make sure that kickdown switch for			,	,	г	7	۱,	,	
	c) In case of the vehicle with man			[]	[]	[,	
	start switch:	adi tidiisiiiissioti witii a sidtoii								
	Press the pedal with normal force	and check that the engine		 []]]	,	1	
	comes on.	and one of that the origine		'	J	L	J	"	1	
	d) Make sure that the fuel lid open	er and trunk opener can be] []]]	r	1	
	operated without difficulty.	or and a ann open or can be		`	J	L		L	J	
	e) Sit on the D seat, press the ma	t forward with the foot.] []	[]	lг	ı	
	and check that the mat does not i			`	•		•	`		
	pedal easily.									
	f) Put the mat over the accelerator	pedal and make sure that the		1 []	[]	r]	
	pedal restores its position with rea	•		֓֡֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֓֓֓֡֓֓֡֓֡	•	•	•		•	
	g) Tread on the clipped sections a			[]	ſ]	ſ]	
	occurs, such as disengagement fi	•		<u> </u>	-		-]	-	

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